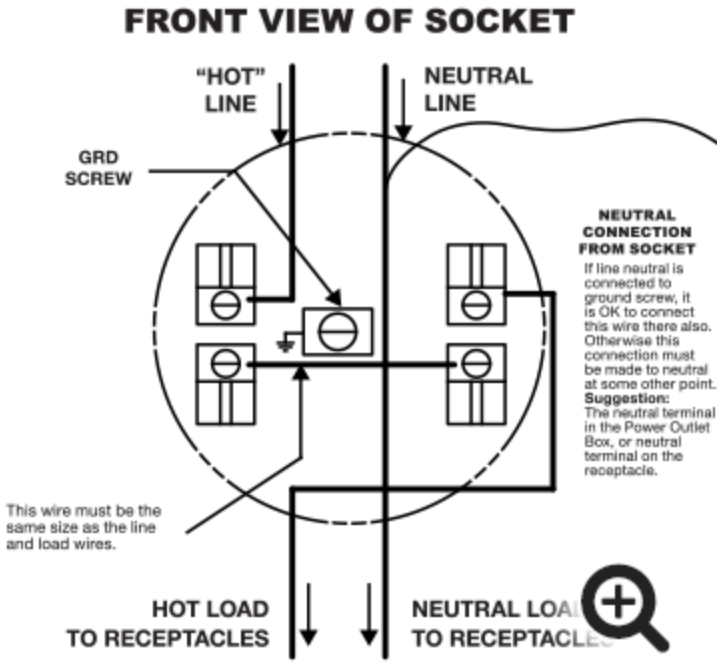
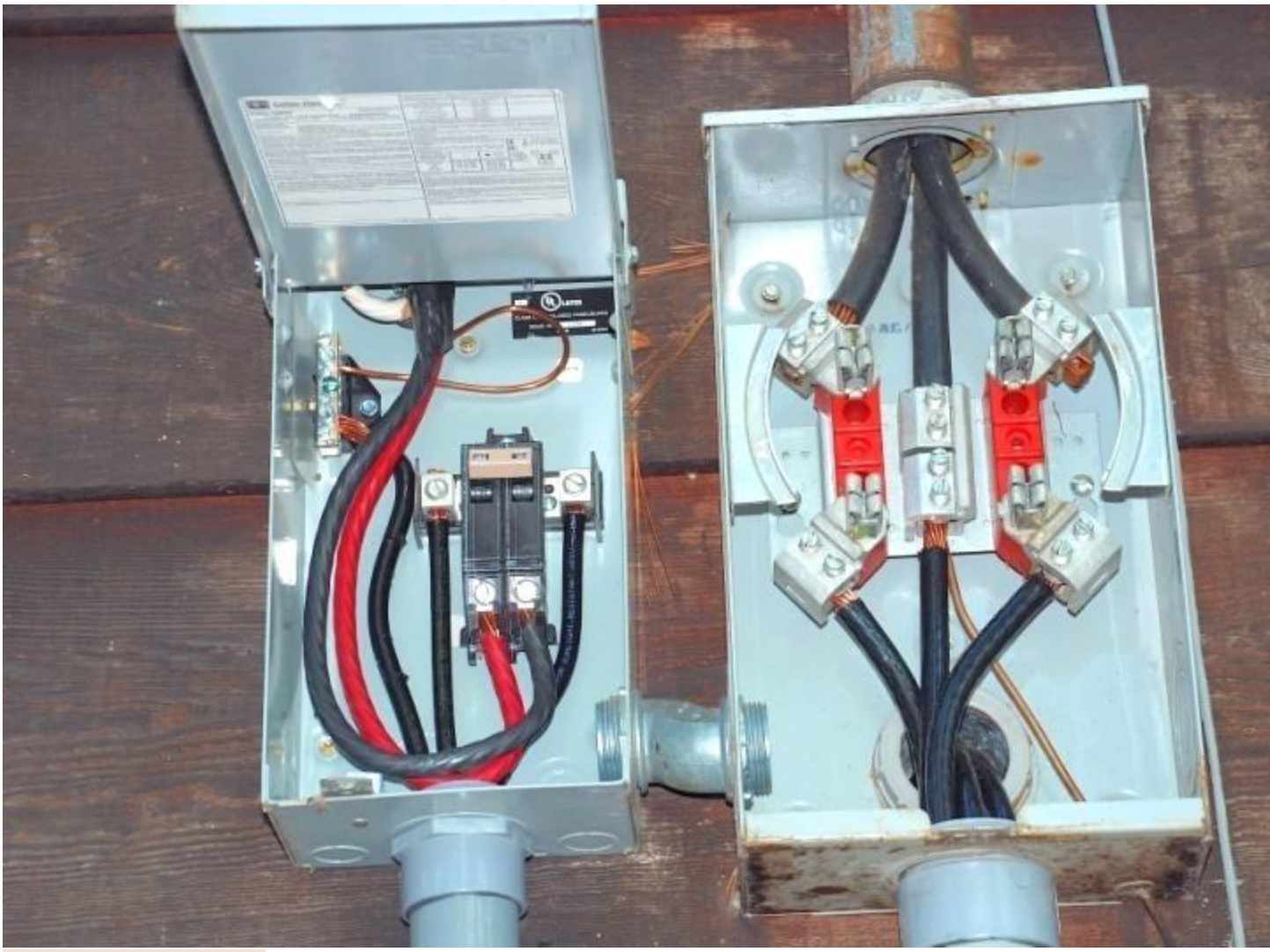
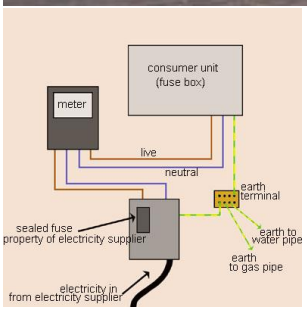
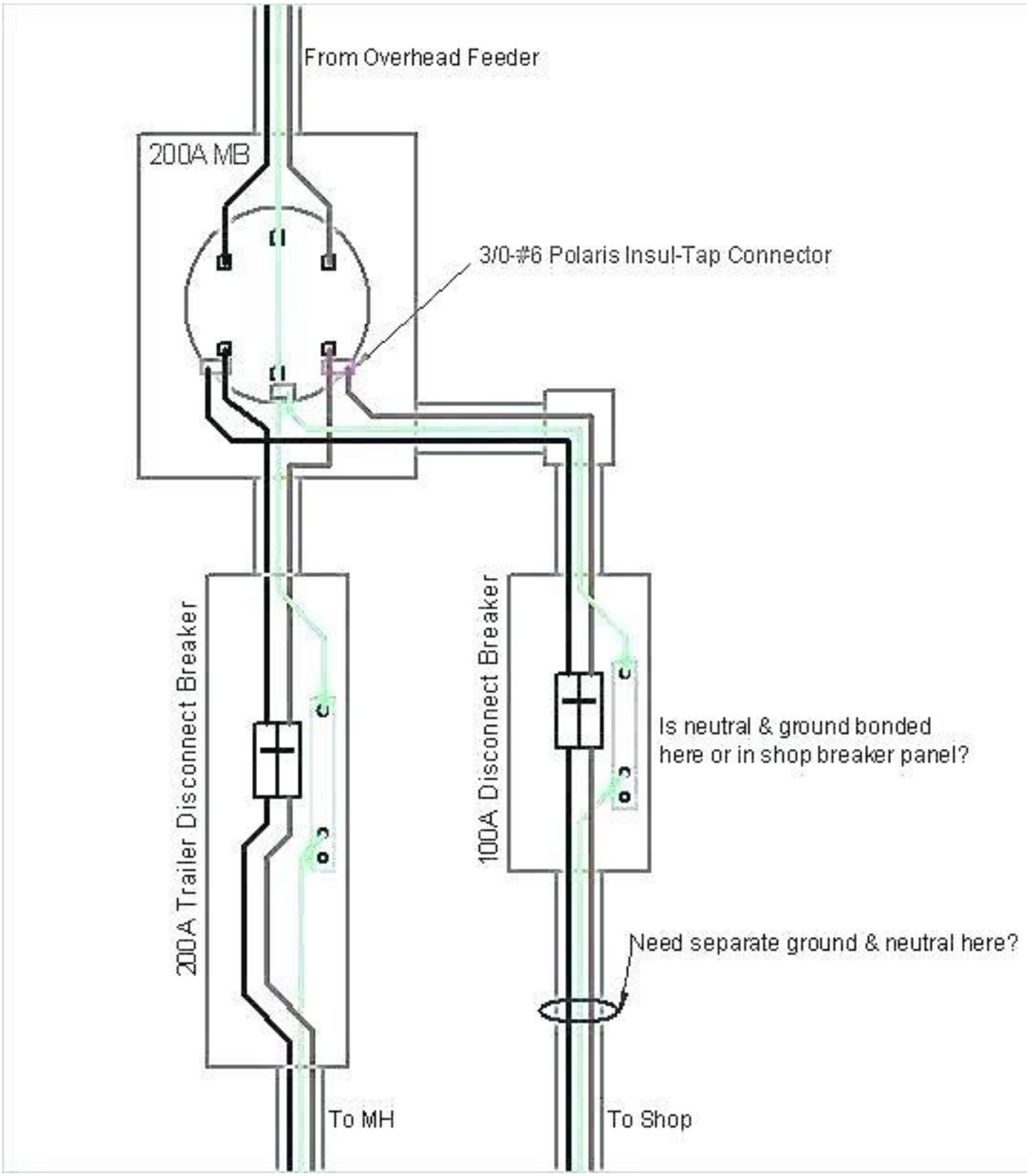
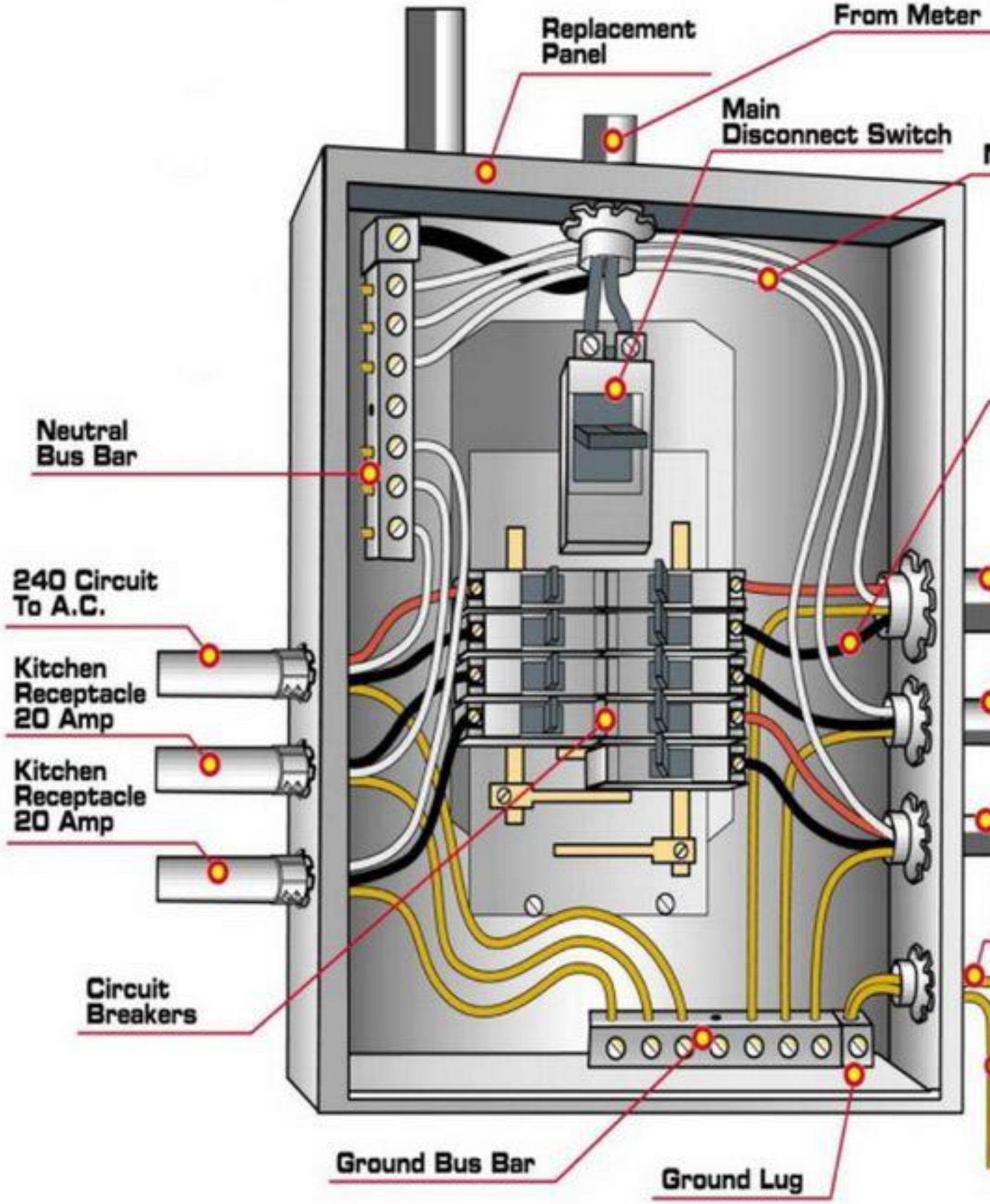

FRONT VIEW OF SOCKET
"HOT" LINE
NEUTRAL LINE
GRD SCREW
NEUTRAL CONNECTION FROM SOCKET
If line neutral is connected to ground screw, it is OK to connect this wire there also. Otherwise this connection must be made to neutral at some other point.
Suggestion:
The neutral terminal in the Power Outlet Box, or neutral terminal on the receptacle.
This wire must be the same size as the line and load wires.
HOT LOAD TO RECEPTACLES
NEUTRAL LOA
TO RECEPTACLE

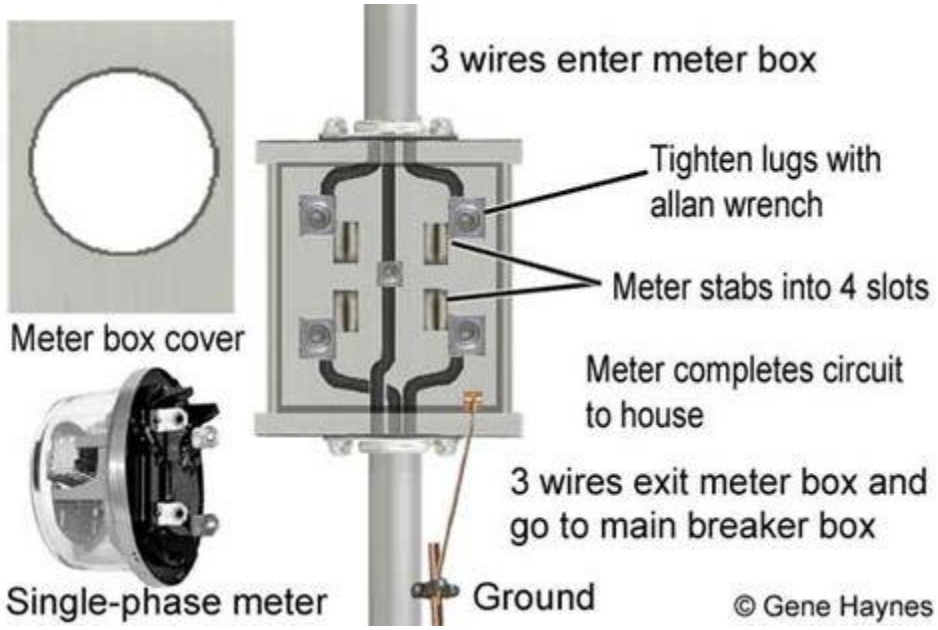


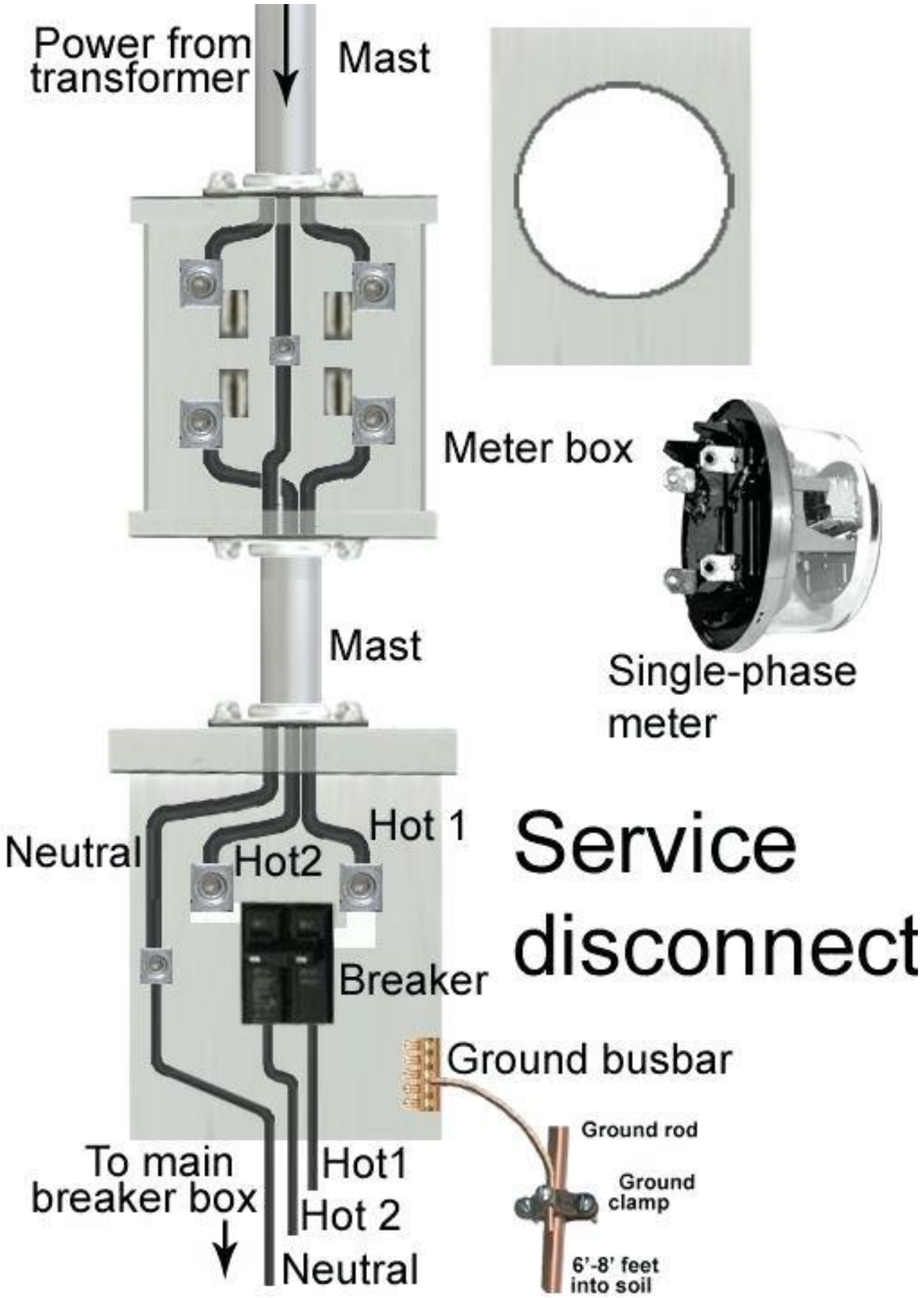

consumer unit
(fuse box)
meter
live
neutral
earth
terminal
sealed fuse
property of electricity supplier
earth to
water pipe
earth
to gas pipe
electricity in
from electricity supplier

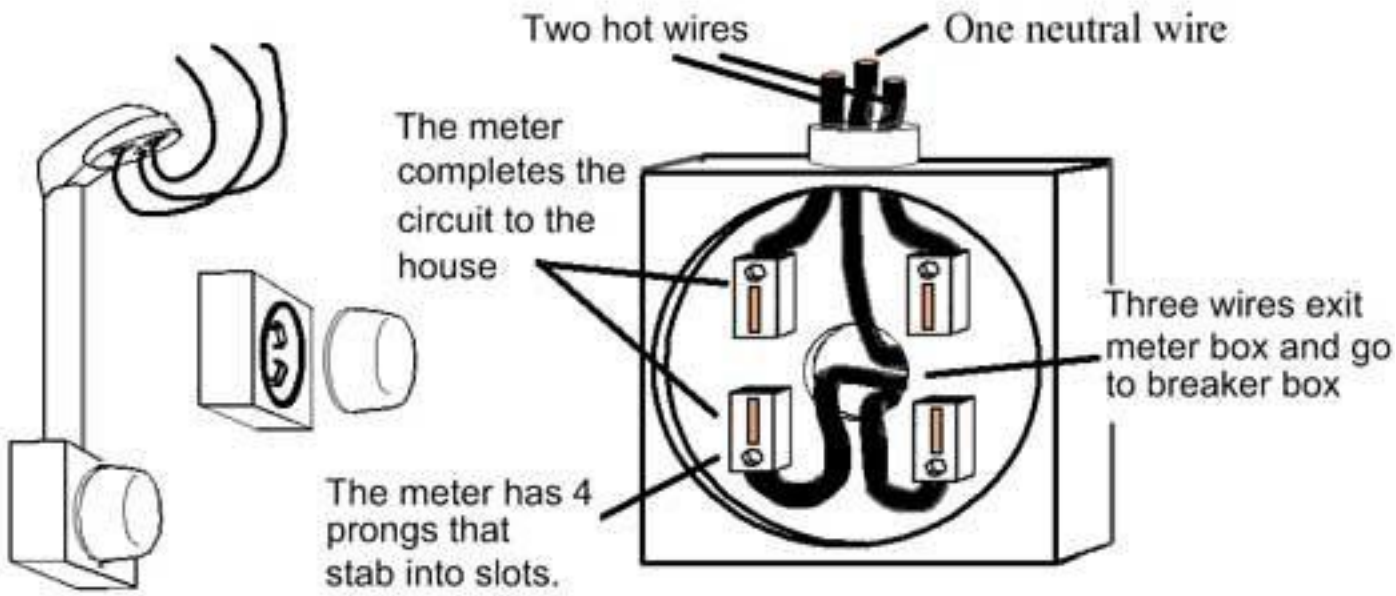

From Overhead Feeder
200A MB
3/0-#6 Polaris Insul-Tap Connector
200A Trailer Disconnect Breaker
100A Disconnect Breaker
Is neutral & ground bonded
here or in shop breaker panel?
Need separate ground & neutral here?
To MH
To Shop

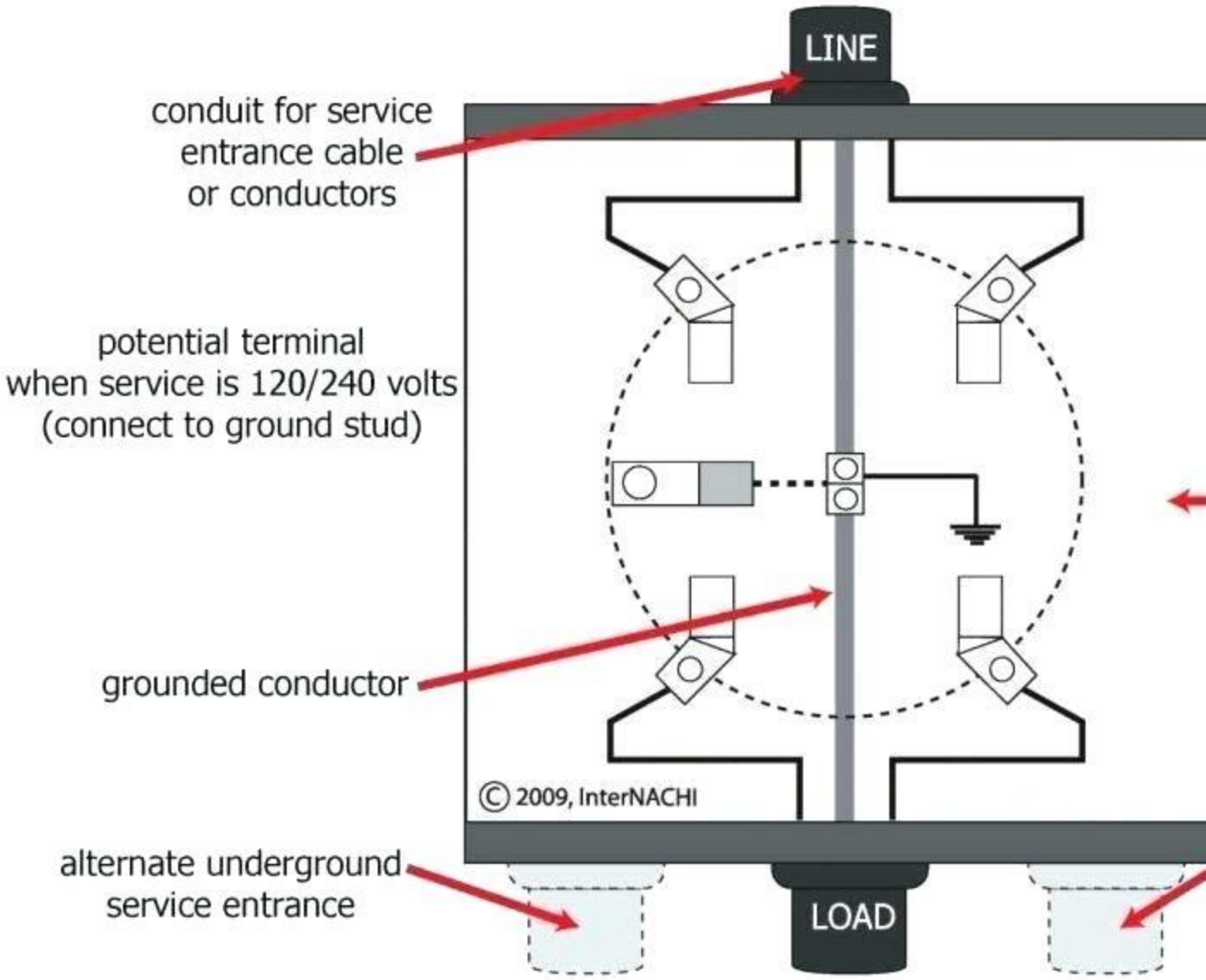


Typical Home Breaker


3 wires enter meter box
Tighten lugs with allan wrench
Meter stabs into 4 slots
Meter box cover
Meter completes circuit to house
3 wires exit meter box and go to main breaker box
Single-phase meter
Ground
© Gene Haynes


Power from transformer
Mast
Meter box
Single-phase meter
Mast
Neutral
Hot2
Hot 1
Breaker
Service disconnect
Ground busbar
Ground rod
Ground clamp
6'-8' feet into soil
To main breaker box
Hot1
Hot 2
Neutral


Two hot wires
One neutral wire
The meter completes the circuit to the house
Three wires exit meter box and go to breaker box
The meter has 4 prongs that stab into slots.


LINE
conduit for service entrance cable or conductors
potential terminal when service is 120/240 volts (connect to ground stud)
grounded conductor
alternate underground service entrance
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